

METHOD AND APPARATUS FOR PROVING
SYSTEM PROPERTIES

ABSTRACT

A method for selecting an order in which to sift variables in a binary decision diagram by arranging the variables of a binary decision diagram on the nodes of a graph, the nodes of the graph being labelled with the variables of the system such that the set of functions labelling the leaves reachable from a node correspond to the set of functions which depend on the variables labelling the node, and traversing the graph in a depth first manner, thereby to produce a list of the labels in the selected order.

Fig. 1

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